

KHACHATUROV, T. S.

Law of systematic, proportionate development of the national economy and the planning of railroad transportation. p.3.  
TRANSPORTNO DNEVO Vol. 7, no. 2, 1955, Sofiya)

SO: Monthly List of East European Accessions, (MEAL). LC, Vol. 4, No. 11,  
Nov. 1955, Uncl.

KHACHATUROV, T., prof.

Basic economic problems in railroad transportation. Zhel.dor.  
transp. 36 no.6:52-59 Je '55. (MIRA 12:4)  
(Railroads--Management)

~~KHACHATUROV, G.S., redaktor; POBEDINSKIY, V.V., redaktor; KISELEVA, A.A.~~  
~~tekhnicheskiy redaktor.~~

[New forms of traction in transportation] *Novye vidy tsiagi na  
transporte*. Moskva, 1956. 132 p. (MIRA 9:5)

1. Akademiya nauk SSSR. Institut kompleksnykh transportnykh problem.  
2. Chlen-korrespondent AN SSSR (for Khachaturov).  
(Gas turbine locomotives) (Railroads-Electrification)

KHACHATUROV, T.S., professor.

Planning railroad transportation. Trudy MTEI no.3:18-31 '56.  
(MLRA 10:6)

1. Chlen-korrespondent Akademii nauk SSSR.  
(Railroads)

KHACHATUROV, T.

Effect on the natural economy of speeding up transportation. Vop.  
ekon. no.3:84-100 Mr '56. (MLRA 9:7)

1.Chlen-kerrespondent AN SSSR.  
(Transportation)

KHACHATUROV, T. S.

Comparison of the economic effectiveness of various branches of transportation. Tr. from the Russian. p. 2. KOZLEKEDESSTUDOMANYI SZEMLE. (Kozlekedesi Kiado) Budapest. Vol. 6, No. 1, Jan. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol, 5, No. 6, June 1956

KHACHATAROV, T. S.

KHACHATAROV, T. - Principle means of reducing overhead expenses in railroad transportation. Tr. from the Russian. p. 329.  
Vol. 6, no. 9, Sept. 1956.  
Kozlekedestudomanyi Szemle. Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

KHACHATUROV, T.

The effect of the acceleration of transportation on the national economy. p. 12.

TRANSPORTNO DELO. Vol. 8, no. 3, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

Khachaturov, T. S.

USSR/ Scientific Organization - Transportation

Card 1/1 Pub. 124 - 2/39

Authors : Khachaturov, T. S., Memb. Corr., Acad. of Sc., USSR

Title : Complex problems of transportation

Periodical : Vest. AN SSSR 26/2, 20-26, Feb 1956

Abstract : Announcement is made by the Academy of Sciences, USSR concerning the establishment of the Institute for Complex Transportation Problems which, in the future, will handle all matters connected with ground, sea, river and air transportation in the USSR.

Institution : .....

Submitted : .....

KHACHATUROV, T.S., professor.

The present conditions of the transportation system of the  
U.S.A. Zhel. dor. transp. 38 no.11:75-81 N '56. (MLRA 9:12)

(United States--Transportation)

KHURSHUDYAN, Koryun Nikolayevich; KHACHATUROV, T.S., obshchiy red.;  
TEH-AKOPIAN, Em.M., red.; MANOYAN, M.Kh., red.izd-va; AZIZ-  
BEKYAN, L.A., tekhn.red.

[Principles of the distribution of transportation between  
railroad and automobile transportation under conditions found  
in Armenian S.S.R.] Printsaipy raspredeleniya perevozok mezhdu  
zholeznodorozhnym i avtomobil'nym transportom v usloviakh  
Armianskoi SSR. Erevan, Izd-vo AN Armianskoi SSR, 1957. 129 p.  
(MIRA 13:3)

(Transportation, Automotive) (Railroads)  
(Armenia--Transportation)

KHACHATUROV, T.S., stvetsvennyy redaktor; PREOBRAZHENSKAYA, Z.P., redaktor  
izdatel'stva; POLYAKOVA, T.V., tekhnicheskiy redaktor.

[Problems in increasing transport traffic speeds] Voprosy povysheniia  
skorosti dvizheniya na transperte. Moskva, 1957. 235 p.

(MLRA 10:6)

1. Akademiya nauk SSSR. Institut kompleksnykh transportnykh problem.
2. Direktor Instituta kompleksnykh transportnykh problem AN SSSR,  
chlen-korrespondent AN SSSR (for Khachaturev)

(Transportation)

~~KHACHATUROV T.~~

Problems of the economic efficiency of capital investment in a  
socialist economy. Vop.ekon. no.2:106-121 F '57. (MLRA 10:5)  
(Investments)

AUTHORS: Khachaturov, T. S., Voronin, A.V., Denisov P. K. 30-11-10/23

TITLE: Current Problem in Transportation Development  
(Aktual'naya problema razvitiya transporta) On the Electrification of Railroads by Means of Monophase Current (Ob elektrifikatsii zheleznykh dorog na odnofaznom toke promyshlennoy chastoty).

PERIODICAL: Vestnik AN SSSR, 1957, Vol. 27, Nr 11, pp. 89 - 94 (USSR)

ABSTRACT: The author deals with the problem of profitability. In connection with an essentially simplified supply of energy it may be reckoned with a reduction of the costs by 30 - 40%. By the use of alternating current (50 gts) the electric corrosion is also many times reduced; the safety devices necessary in the case of direct-current may also be dropped (see table 1). Besides the own weight of the electrical traction engines (Elok) in connection with the monophase direct current hitherto used can be essentially diminished. Electrical traction engines with monophase direct current (with ion-transformer) permit the use of recuperative braking when the motors work as generators (on lines with a fall) and give off the energy to the electric-supply line. The author among others refers to the investigations (electric traction engines with ion-transformer) carried out in the Rhineland.

Card 1/2

The APPROVED FOR RELEASE Q9/17/2001 CIA RDP86-00513R000721620018-4" Topical Interest  
On the Electrification of Railroads by Means of Monophase Current.

Numberous other problems should also be investigated in parallel with these, the author said, among them the exact technical-economical comparison of the alternating current as traction under the conditions prevailing in the USSR (see table 2). In the directions of the 20th congress of the CPSU a certain aim was set to these intentions. The production in series of main electric traction engines for monophase current began already in 1956. In Leningrad a new institute for electromechanics was established under the direction of M. P. Kostenko, Member of the railroads within the frame work of transport became of principal importance. Besides the change-over to alternating current should at once be carried out, in order to avoid later additional costs. There are 2 tables.

AVAILABLE: Library of Congress

Card 2/2

PHASE I BOOK EXPLOITATION

824

Khachaturov, Tigran Sergeyevich, Corresponding Member, USSR Academy of Sciences

Ekonomicheskaya effektivnost' kapitalovlozheniy v SSSR (The Economic Efficiency of Capital Investment in the USSR) Moscow, Izd-vo "Znaniye", 1958. 39 p. (Series: Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znanii. Seriya III, 1958, no. 7) 63,000 copies printed.

Sponsoring Agency: Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znanii.

Ed: Falaleyeva, T.F.; Tech. Ed.: Trofimov, A.V.

PURPOSE: This booklet published by the All-Union Society for the Dissemination of Political and Scientific Information is intended for the general reader.

Card 1/2

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620018-4"

The Economic Efficiency of Capital Investment in the USSR 824

COVERAGE: The author discusses various aspects of capital investment and its role in developing and strengthening the industrial structure of the USSR. The book outlines various points of view on the efficiency of capital investment, representing a cross section of Soviet economists and industrial engineers. In particular, the author cites the views of G.I.Levin, A.L.Lur'ye, V.V.Novozhilov, D.I.Chernomordik, A.I.Notkin, and Z.F.Chukhanov. There are no references, and this booklet does not have a Table of Contents.

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JG/whl  
12-1-58

Card 2/2

BELOUSOV, I.I.; KHACHATUROW, T.S., otvetstvennyy red.; PAJOV, V.I., red.;  
KHITROV, P.A., tekhn.red.

[Interdistrict communications and transportation of grain] Mezh-  
raionnye sviazi i perevozki khlebnykh gruzov. Moskva, Gos. transp.  
zhel-dor. izd-vo, 1958. 62 p. (MIRA 11:5)

1. Direktor Instituta kompleksnykh transportnykh problem AN SSSR,  
chlen-korrespondent AN SSSR (for Khachaturov)  
(Grain--Transportation)

KHACHATUROV, T - S

2-2-10/12

AUTHOR:

Khachaturov, T.

TITLE:

USSR Transport and Communication (Transport i svyaz' SSSR).  
 A Statistical Work Published by the Gosstatizdat in 1957  
 (Statisticheskiy sbornik - Gosstatizdat, 1957).

PERIODICAL: Vestnik Statistiki, 1958, # 2, pp 75 - 84 (USSR)

ABSTRACT:

Among other statistical publications, the USSR Central Administration of Statistics published in 1957 a book "The USSR Transport and Communication". The author gives a detailed review of the book.

The book is subdivided into several parts. The first part contains data on the transport of goods and passengers by all means and other data referring to the increase of labor efficiency and the decrease of net costs. The other parts give classified data on the different transportation means. Some of the material is illustrated by diagrams.

In 1956 the total freight turnover was 1,301 billion ton kilometers; in 1950 this figure was 713.1 billion ton kilometers. As compared with 1945, the total freight turnover in 1956 was 3.5 times bigger.

The railroad freight turnover was 1,371 million tons in 1956, sea transport 57.7 million tons, river transport 146.8 million tons and automobile transport 4,200.9 million tons.

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## USSR Transport and Communication

The total capacity of the pipelines was 65.3 million tons in 1956. The respective figures in the year 1950 were, for railroad transport - 834.3 million tons, for sea transport - 33.7 million tons, for river transport - 91.5 million tons and for automobile transport - 1,859.2 million tons; the capacity of the pipelines was only 15.3 million tons.

In 1956, the density of the Soviet railroad system was 5.4 kilometers in 1,000 square kilometers. The efficiency of railroad transport is said to have been high and the utilization of locomotives and carriages by far better than in the capitalist countries and particularly better than in the USA.

In USSR sea transport, the article states that the freight turnover was 4 times bigger in 1956 than in 1913 and the passenger turnover 35% higher. With respect to river transport, the freight turnover increased by 2.5 times as compared with 1913.

The freight turnover of automobile transport amounted to 48.5 billion ton kilometers in 1956, but as the average trip was only 11.5 kilometers, in spite of the huge quantity of transported tons, the role of automobile transport as a whole

Card 2/3

KHACHATUROV, T.

Perspectives of technological progress. Vop. ekon. no.8:26-38  
Ag '58. (MIRA 11:9)  
(Technology)

KHACHATUROV, T.

"Problems in the development of the comprehensive transportation system in the Soviet Union."

p. 6. (Transportno Delo, Vol. 10, No. 4, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec 58

KHACHATUROV, T.S.

Prospects for the development of transportation in Eastern Siberia.  
Izv. Sib. otd. AN SSSR no. 12:73-82 '58. (MIRA 12:3)

1. Institut kompleksnykh transportnykh problem AN SSSR.  
(Siberia, Eastern--Transportation)

KHACHATIROV, T.

TECHNOLOGY

PERIODICAL: KOZLEKEDESI KOZLONY. Vol. 14, no. 45, Nov. 1958

Khachaturov, T. Economic efficiency of various transportation branches. p. 725.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

KHACHATUROV, T.S., prof.

Problems in the over-all growth of the U.S.S.R's transportation system.  
Zhel. dor. transp. 40 no.3:15-21 Mr '58. (MIRA 11:4)

1.Chlen-korrespondent AN SSSR.  
(Transportation)

SHUKSTAL', Ya.V., kand.ekon.nauk; ZOTIKOVA, V.I., kand.ekon.nauk;  
VERKHOVSKIY, I.A., kand.ekon.nauk; PARAKHONSKIY, B.M., kand.  
ekon.nauk; SHUL'GA, A.M., assistant; KHACHATUROV, T.S., otv.  
red.; SHEINKMAN, B.I., red.izd-va; NOVICHKOVA, N.D., tekhn.red.

[Transportation costs in the national economy of the U.S.S.R.]  
Transportnye izderzhki v narodnom khoziaistve SSSR. Moskva,  
Izd-vo Akad.nauk SSSR, 1959. 127 p. (MIRA 12:11)

1. Chlen-korrespondent AN SSSR; direktor Instituta kompleksnykh  
transportnykh problem Akademii Nauk SSSR (for Khachaturov).  
(Transportation--Cost of operation)

SHUKSTAL', Ya.V.; KHACHATUROV, Tigran Sergeyevich, red.

[Transportation costs in the Soviet national economy] Transportnye  
izderzhki v narodnom khoziaistve SSSR. Moskva, Akad.nauk. In-t  
kompleksnykh transp.problem, 1959. 128 p. (MIRA 13:8)  
(Transportation)

KHACHATUROV, Tigran Sergeyevich; KHANUKOV, Ye.D., red.

[Problems in the economics of transportation] Voprosy ekonomiki  
transporta. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 278 p.  
(MIRA 13:5)

(Transportation--Cost of operation)

**KHACHATUROV, Tigran Sergeyevich; SHENKMAN, B.I., red.izd-va**

[Economics of transportation] Ekonomika transporta. Moskva,  
Izd-vo Akad.nauk SSSR, 1959. 586 p. (MIR 12:6)

1. Chlen-korrespondent AN SSSR (for Khachaturov).  
(Transportation--Finance)

30(5)

AUTHOR: Khachaturov, T. S., Corresponding Member of the AS USSR SOV/30-59-9-3/39

TITLE: Ways and Means for the Solution of an Important Economic Problem

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 9, pp 13-22 (USSR)

ABSTRACT: The Akademiya nauk SSSR (Academy of Sciences, USSR), together with the Nauchno-issledovatel'skiy ekonomicheskiy institut Gosplana SSSR (Scientific Research Institute of Economics of the Gosplan USSR) and the scientific branch organizations for research and design, investigates the problem of the economic efficiency of capital investment in the Soviet national economy. In the years of Soviet rule between 1918 and 1957 the capital invested amounted to 1,904 billion rubles, according to the prize level of 1955; this sum does not comprise the capital investments in kolkhozes amounting to 184 billion rubles. Within the course of the Seven-year Plan from 1959 to 1965 the capital invested by the state is estimated to amount 1,940 - 1,970 billion rubles, i.e. the highest amount since the foundation of the Soviet Union. Including non-centralized means (housing and kolkhozes) capital investment will attain

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Ways and Means for the Solution of an Important  
Economic Problem

SOV/30-59-9-3/39

three trillions. The problem of the most efficient use of such immense sums is extremely important. The Academy of Sciences, USSR studies this problem with the aid of a large number of experts in theory and practice. A scientific-technical conference was held in 1958 with the participation of more than 800 representatives of planning- and design institutions as well as of scientific and economic organizations. The conference had been convened by the Institut ekonomiki (Institute of Economics) together with the Vsesoyuznyy sovet nauchno-tehnicheskikh obshchestv (All-Union Council of Scientific-technical Associations). Recommendations were discussed and accepted for a method of finding the most efficient use of capital investment and modern technology. The Otdeleniye ekonomiceskikh, filosofskikh i pravovykh nauk Akademii nauk SSSR (Department of Economics, Philosophical and Legal Sciences of the Academy of Sciences, USSR) discussed the method, and the Presidium of the Academy accepted it. At the same time the Scientific Council established a plan for an efficient solution of all problems connected with capital investments which specifies the collaboration of the Institute of Economics of ✓

Card 2/3

Ways and Means for the Solution of an Important  
Economic Problem

SOV/30-59-9-3/39

the Academy of Sciences, USSR, the Scientific Research Institute of Economics of the Gosplan USSR, and the scientific branch organizations for research and design. The Plenary Assembly of the Central Committee of the CPSS requested the Gosplan USSR, the Academy of Sciences, USSR, the Gosudarstvennyy nauchno-tehnicheskiy komitet (State Scientific-technical Committee), and the Akademiya stroitel'stva i arkhitektury SSSR (Academy for Construction and Architecture, USSR) in June 1959 to devise a method for the determination of the efficiency of automation and mechanization of production in 1959. Furthermore, the concept and function of "capital investment" is described in detail. In this connection a paper by V. O. Chernyavskiy (Footnote 2) is mentioned. There are 2 Soviet references. ✓

Card 3/3

KHACHATUROV, T.S.

Prospects for the development of transportation in the  
U.S.S.R. Trudy MIIT no.115:6-25 '59. (MIRA 13:1)

1. Chlen-korrespondent AN SSSR.  
(Transportation)

BARDIN, I.P., akademik, glavnny red. [deceased]; NEKRASOV, N.N., otv. red.toma; SLAVIN, S.V., doktor ekon.nauk, red.toma; SHKOL'NIKOV, M.G., kand.ekon.nauk, red.toma; LAVRENT'YEV, M.A., akademik, red.; VOL'FKOVICH, S.I., skademik, red.; DIKUSHIN, V.I., akademik, red.; NEMCHINOV, V.S., akademik, red.; VEYTS, V.I., red.; LEVITSKIY, O.D., red.; PUSTOVALOV, L.V., red.; KHACHATUROV, T.S., red.; ROSTOVTSOV, N.F., akademik, red.; POPOV, A.N., red.; GRAFOV, L.Ye., red.; GASHEV, A.D., red.; PROBST, A.Ye., prof., red.; VASYUTIN, V.F., prof., red.; KROTOV, V.A., prof., red.; VASIL'YEV, P.V., doktor ekon.nauk, red.; LYUDOGOVSKIY, G.I., kand.tekhn.nauk, red.; LETUNOV, P.A., kand.geol.-mineral.nauk, red.; MAZOVER, Ya.A., red. izd-vs; KASHINA, P.S., tekhn.red.

[Comprehensive regional and interregional problems; [conference reports]] Raionnye i mezhraionnye kompleksnye problemy; [trudy konferentsii]. Moskva, Izd-vo Akad.nauk SSSR, 1960. 190 p.

(MIRA 14:1)

1. Konferentsiya po razvitiyu proizvoditel'nykh sil Vostochnoy Sibiri. 1958.
2. Chleny-korrespondenty AN SSSR (for Nekrasov, Veyts, Levitskiy, Pustovalov, Khachaturov).
3. Sovet po izucheniyu proizvoditel'nykh sil pri Prezidiume Akademii nauk SSSR (for Nekrasov, Shkol'nikov, Slavin).
4. Predsedatel' Soveta po izucheniyu proizvoditel'nykh sil pri Prezidiume AN SSSR (for Nemchinov).
5. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Rostovtsov).
6. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Panov). (Siberia, Eastern-Economic policy)

KHACHATUROV, T.S., Prinimali uchastiye: BAKULEV, G.D., doktor ekon.nauk; VAYNSSTEIN, B.S.; VARENTSOV, Ya.P.; KLIMENKO, K.I., doktor ekon. nauk; KRAsovskiy, V.P., kand.ekon.nauk; KURAKOV, I.G.; FERBERG, A.S., kand.ekon.nauk. SHUSTER, A.I., otv.red.; STREL'NIKOVA, M.A., red.; GARASIMOVA, Ye.S., tekhn.red.

[Standard method for determining the economic effectiveness of capital investments and new technology in the national economy of the U.S.S.R.]  
Tipovaja metodika opredelenija ekonomiceskoi effektivnosti kapital'nykh vlozhenij i novoj tekhniki v narodnom khoziaistve SSSR. Moskva, Gosplanizdat, 1960. 21 p.  
(MIRA 13:7)

1. Akademija nauk SSSR.
2. Chlen-korrespondent Akademii nauk SSSR (for Khachaturov).
3. Institut ekonomiki AN SSSR (for Bakulev, Klimenko).
4. Institut ekonomiki stroitel'stva Akademii stroitel'stva i arhitektury SSSR (for Vaynshteyn).
5. Gosplan SSSR (for Varentsov).
6. Nauchno-issledovatel'skiy ekonomiceskiy institut Gosplana SSSR (for Krasovskiy).
7. Gosudarstvennyy nauchno-tehnicheskiy komitet SSSR (for Kurakov).
8. Stroybank SSSR (for Ferberg).
9. Nauchnyy sovet po problemam ekonomiceskoy effektivnosti kapital'nykh vlozhenij i novoy tekhniki (for Shuster).

(Capital investments) (Machinery in industry)

BARDIN, I.P., akademik, glavnnyy red. [deceased]; VOL'FKOVICH, S.I., akademik, otd.red.toma; UVAROV, G.V., red.toma; KOMAROV, V.P., dotsent, red.toma; LAVRENT'YEV, M.A., akademik, red.; DIKUSHIN, V.I., akademik, red.; NEMOCHINOV, V.S., akademik, red.; VEITS, V.I., red.; LEVITSKIY, O.D., red.; NEKRASOV, N.N., red.; PUSTOVALOV, L.B., red.; KHACHATUROV, T.S., red.; ROSTOVTSEV, N.F., akademik, red.; POPOV, A.N., red.; GRAFOV, L.Ye., red.; GASHEV, A.D., red.; PROBST, A.Ye., prof., red.; VASYUTIN, V.F., prof., red.; KROTOV, V.A., prof., red.; VASIL'YEV, P.V., doktor ekonom.nauk, red.; LYUDOGOVSKIY, G.I.. kand.tekhn.nauk, red.; LETUNOV, P.A., kand.geol.-mineral.nauk, red.; SHKOL'NIKOV, M.G., kand.ekonom.nauk, red.; BANKVITSER, A.L., red. izd-va; BRUZGUL', V.V., tekhn.red.

[Chemical industry] Khimicheskaya promyshlennost'. Moskva, 1960.  
202 p. (MIRA 13:7)

1. Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil. Sibirsckoye otdeleniye. 2. Chleny-korrespondenty AN SSSR (for Veyts, Levitskiy, Nekrasov, Pustovalov, Khachaturov). 3. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Rostovtsev). 4. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Popov). 5. Zamestitel' predsedatelya Gosplana RSFSR (for Grafov). 6. Chlen Gosplana RSFSR (for Gashev). 7. Zamestitel' predsedatelya Gosudarstvennogo komiteta Soveta Ministerov SSSR po khimii (for Uvarov).

(Chemical industries)

MIKHEYEV, A.P., prof., doktor tekhn. nauk; SHUKSTAL', Ya.V., kand. ekon. nauk; DMITRIYEV, V.A., kand. ekon. nauk; Prinimali uchastiye GUTKIN, L.V., kand. tekhn.nauk; SHVARTS, R.Ya., mladshiy nauchnyy sotr.; GORINOV, A.V., retsenzent; MIKHAILOSEV, Ye.V., prof., retsenzent; GIBSHMAN, A.Ye., prof., retsenzent; RYLEYEV, G.S., inzh., retsenzent; KHACHATUROV, T.S., red.; MAKSIMOV, I.S., red.; GERASIMOV, Ye.S., tekhn. red.

[Efficiency of electric and diesel traction in railroad transportation] Effektivnost' elektricheskoi i teplovoznoi tiagi na zhelezno-dorozhnom transporte. Pod red. T.S.Khachaturova i A.P.Mikheeva. Moskva, Gosplanizdat, 1960. 302 p. (MIRA 16:1)

1. Nauchnyya sotrudniki Otdela razvitiya tekhnicheskikh sredstv transporta i Otdela raspredeleniya perevozok mezhdu razlichnymi vidami transporta Instituta kompleksnykh transportnykh problem Akademii nauk SSSR (for Mikheyev, Shukstal', Dmitriyev). 2. Chlen-korrespondent Akademii nauk SSSR (for Gorinov, Khachaturov).  
(Electric railroads) (Diesel locomotives)

ROSTOVTSEV, N.F., akademik, glavnnyy red.toma; SOKOLOV, N.S., prof., red.  
toma; LETUNOV, P.A., kand.geol.-mineral.nauk, red.toma; KUZMICHEV,  
A.V., kand.biolog.nauk, red.toma; KRYLOV, P.A., kand.biolog.nauk,  
red.toma; RUZSKAYA, Ye.A., kand.biolog.nauk, red.toma; CHEMBER,  
B.Ye., kand.biolog.nauk, red.toma; BARDIN, I.P., akademik, glavnnyy  
red. [deceased]; LAVRENT'YEV, M.A., akademik, red.; VOL'FKOVICH,  
S.I., akademik, red.; DIKUSHIN, V.I., akademik, red.; MEMCHINOV,  
V.S., akademik, red.; VYITS, V.I., red.; LEVITSKIY, O.D., red.;  
NEKRASOV, N.N., red.; PUSTOVALOV, L.V., red.; KHACHATUROV, T.S.,  
red.; POPOV, A.N., red.; GRAFOV, L.Ye., red.; GASHEV, A.D., red.;  
VASYUTIN, V.F., prof., red.; PROBST, A.Ye., prof., red.; KROTOV,  
V.A., prof., red.; VASIL'YEV, P.V., doktor ekonom.nauk, red.;  
LYUDOGOVSKIY, G.I., kand.tehn.nauk, red.; SHKOL'NIKOV, M.G.,  
kand.ekonom.nauk, red.; KLYUSHKIN, P.A., red.izd-va; DOROKHINA,  
I.N., tekhn.red.

(Continued on next card)

ROSTOVTSEV, N.F.---(continued) Card 2.

[Development of the resources of Eastern Siberia: agriculture]  
Razvitiye proizvoditel'nykh sil Vostochnoi Sibiri: Sel'skoe khoziaistvo. Moskva, Izd-vo Akad.nauk SSSR, 1960. 426 p.

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7. Chlen Gosplana RSFSR (for Gashev).

(Siberia, Eastern--Agriculture)

KHACHATUROV, Tigran Sergeyevich; KOKOSHKO, A.G., red.; NAUMOV, K.M.,  
tekhn.red.

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(Transportation)

SMYSHLYAYEVA, L.N.; KHACHATUROV, T.S., otv. red.; IVANOV, Ye.A., red.  
izd-va; TIKHOMIROVA, S.G., tekhn. red.; SIMKINA, G.S., tekhn.  
red.

[Development of the gas industry and the economic effectiveness  
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nomicheskaiia effektivnost' kapitalovlozhenii. Moskva, Izd-vo  
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(Gas industry)

KHACHATUROV, T.

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1. Chlen-korrespondent AN SSSR.  
(Finance)

KHACHATUROV, T.

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ways to increase the efficiency of capital investments. Vop. ekon.  
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(Capital investments)

(Russia--Industries)

KHACHATUROV, T.S.

Important national tasks. Vest. AN SSSR 31 no.8:28-30 Ag  
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(Efficiency, Industrial)

KHACHATUROV, T.

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(Construction industry--Finance)

KHACHATUROV, Tigran Sergeyevich; MYASOYEDOV, B., red.; SHLYK, M.,  
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[Main economic objective of the Soviet people] Glavnaiia eko-  
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(Russia--Economic policy)

NESTEROV, Ye.P., kand. tekhn. nauk; NEMCHINOV, V.S., akademik, otv. red.; KHACHATUROV, T.S., red. toma; LUR'YE, A.L., kand. ekon. nauk, red. toma; OLEYNIK, Yu.A., red. toma; SERBEROVSKIY, L.A., red. izd-va; RYGINA, Yu.V., tekhn. red.

[Transactions of the Scientific Conference on the Application of Mathematics in Economic Research and Planning] Trudy Nauchnogo soveshchaniia o primenenii matematicheskikh metodov v ekonomicheskikh issledovaniakh i planirovaniakh, 1960. Moskva, Izd-vo Akad. nauk SSSR. Vol.5.[Planning and operation of transportation] Planirovanie i ekspluatatsiia na transporte. 1961. 99 p. (MIRA 15:8)

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4. Vychislitel'nyy tsentr Akademii nauk SSSR (for Oleynik).
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(Economics, Mathematical) (Transportation)

KHACHATUROV, Tigran S.

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report to be submitted for the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

KHACHATUROV, T.S., otv. red. Prinimali uchastiye: BOR, M.Z., kand. ekon. I istor. nauk, red.; BOL'SHAKOV, Ya.A., red.; DYLEVSKIY, A.A., red.; YEMEL'YANOV, A.D., kand.ekon. nauk, red.; KRAZOVSKIY, V.P., red.; SHUSTER, A.I., red.

[Methodology for determining the economic efficiency of introducing new machinery, mechanization and automation of industrial production processes. Approved by the State Planning Commission of the U.S.S.R. on December 9, 1961] Metodika opredeleniya ekonomiceskoi effektivnosti vnedreniya novoi tekhniki, mekhanizatsii i avtomatizatsii proizvodstvennykh protsessov v promyshlennosti. Utverzhdeno 9 dekabria 1961 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 45 p. (MIRA 15:11)

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4. Moskovskiy oblastnoy sovet narodnogo khozyaystva (for Bol'shakov).
5. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosudarstvennogo ekonomiceskogo soveta pri Sovete Ministrov SSSR po tekushchemu planirovaniyu narodnogo khozyaystva (for Yemel'yanov, Kravovskiy).
6. Akademiya nauk SSSR (for Shuster).

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KHACHATUROV, T.S.

Development of technical and economic research. Vest.AN SSSR 32  
no.4:32-39 Ap '62. (MIRA 15:5)

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(Russia--Economic research)

MATLIN, Grigoriy Markovich; KHACHATUROV, T.S., red.; AZROVA, A.G.,  
red.; RIDNAYA, I.V., tekhn. red.

[Economic efficiency of the construction of multipurpose  
water power developments; methodological instructions and  
calculation example] Ekonomicheskaja effektivnost' sooruzhenija  
kompleksnykh gidrouzlov; metodicheskie ukazaniia i primer fas-  
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(Water resources development--Finance)

KHACHATUROV, T.S., red.; DAN'SHINA, V.N.[translator]; ZOTOV, B.D.  
[translator]; ISUPOV, V.T.[translator]; MENIKER, V.D.[translator];  
TEREKHOV, V.F.[translator]; SHACALOV, G.L.[translator]; KORMNOV,  
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Pod red. i so vstup. stat'ei T.S.Khachaturova. Moskva, Izd-vo  
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KHACHATUROV, T.S., otv. red.; KAZAKEVICH, L.Ya., red, izd-va;  
RYLINA, Yu.V., tekhn. red.

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Kapital'nye vlozheniya i rezervy ikh ispol'zovaniia. Moskva,  
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nykh fondov, kapital'nykh vlozheniy i novoi tekhniki. 2. Chlen-  
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VINOGRADOV, A.P., akademik; SOBOLEV, S.L., akademik; KOSTENKO, M.P.,  
akademik; TOLSTOV, S.P.; SAZHIN, N.P.; KAZARNOVSKIY, I.A.; VUL, B.M.;  
TROFIMUK, A.A., akademik

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(Academy of Sciences of the U.S.S.R.)

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UL'YANOVA, O.G., tekhn. red.

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socialist industry] Effektivnost' kapital'nykh vlozhenii v  
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Moskva, Izd-vo AN SSSR, 1963. 220 p. (MIRA 16:12)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Chlen-  
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KHACHATUROV, T.S., retcenzent; NEZNANOV, V.I., red.izd-  
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[Problems in developing inland water transportation in  
the U.S.S.R.] Problemy razvitiia vnutrennego vodnogo trans-  
porta SSSR. Moskva, Izd-vo "Rechnoi transport," 1963. 361 p.  
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1. Iz Dilishanskogo sanatoriya No.1 i No.3 (glavnnyy vrach - kandidat meditsinskikh nauk A.G.Kaytsakov)  
(NOVOCAIN) (COUGH) (TUBERCULOSIS)

KHACHATUROV, V.M., inzhener.

Casting high-pressure cylinders. Lit. proizv. no.8:5-7  
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(Novosibirsk--Steel castings) (Cylinders)

KHACHATIROV, V.M., kapitan meditsinskoy sluzhby; CHAUSOVSKIY, S.S., kapitan meditsinskoy sluzhby

Reclamation of bandage material. Voen.-med.zhur, no.9:85-86 S '56.  
(BANDAGES AND BANDAGING) (MLRA 10:3)

TETYUYEV, Boris Aleksandrovich; GROZNAYA, Tsiliya Izrailevna;  
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[Modern automatic steering equipment] Sovremennye avto-  
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MAKSIMADZHI, M.I.; KHACHATUROV, V.V., red.; LAVRENOVA, N.B., tekhn.  
red.

[Pilotage in the Kiel, Zuez, and Panama Canals] Lotamanskaja  
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Izd-vo "Morskoi transport," 1961. 42 p. (MIRA 14:5)  
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(Suez Canal--Pilots and pilotage)  
(Panama Canal--Pilots and pilotage)

KONDRAZIKHIN, Vladimir Timofeyevich; RAKHOVETSKIY, Anatoliy Nikolayevich;  
KHAGHATUROV, V.V., red.; LAVRENOVA, N.B., tekhn. red.

[Accuracy of the astronomic determination of a ship's position]  
Tochnost' astronomiceskikh opredelenii mesta sudna. Moskva, Izd-  
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BYKOV, Vladimir Ivanovich, kand. tekhn. nauk; NIKITENKO, Yuriy Ivanovich, dotsent, kand. tekhn. nauk; MATSYUTO, A.P., retsenzenter; SEMIKOV, T.T., red.; KHACHATUROV, V.V., red.; LAVRENOVA, N.B., tekhn. red.

[Phase radio navigation system, Decca-Navigator] Fazovaia radionavigatsionnaia sistema "Dekka-Navigator." Moskva, Izd-vo "Morskoi transport," 1961. 150 p. (MJRA 14:8)

1. Glavnnyy shturman Baltiyskogo gosudarstvennogo morskogo parokhodstva (for Matsyuto)

(Decca navigation)

ANOSOV, Aleksandr Vladimirovich; KHACHATUROV, V.V., red.; TIKHONOVА, Ye.A.,  
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[Ship handling] Upravlenie sudami. Moskva, Izd-vo "Morskoi trans-

port," 1961. 271 p. (MIRA 14:11)

(Ship handling)

IVANOV, Viktor Gavrilovich, inzh.; DAVYDOV, Pavel Semenovich, inzh.; BLAY-VAS, Leonid Abrmovich, inzh.; LOSS', Pavel Moiseyevich, inzh.; KHA-CHATUROV, V.V., red.; LAVRENOVA, N.B., tekhn. red.

[ "Donets" marine radar station] Sudovaia radiolokatsionnaia stantsiya  
"Donets." By V.G.Ivanov i dr. Moskva, Izd-vo "Morskoi transport,"  
1961. 130 p. (MIRA 14:10)

(Radar in navigation)

TULYAKOV, Igor' Mikhaylovich; GAVRILENKO, Mikhail Borisovich;  
KHACHATUROV, V.V., red.; LAVRENOVA, N.B., tekhn. red.

[Work organization of the harbor fleet] Organizatsiya raboty  
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122 p.

(Harbor) (Tugboats)

(MIRA 15:2)

YERMOLAYEV, German Grigor'yevich, dots., kand. fiz.-matem. nauk; BARANOV,  
Yu.K., retsenzent; KHACHATUROV, V.V., red.; LAVRENOVA, N.B. tekhn.red.

[Plotting radio bearings on marine charts] Prokladka radio-  
polengov na morskoi karte; uchebnoe posobie dlja sudovodi-  
tel'skikh fakul'tetov vysshikh inzhenernykh morskikh uchi-  
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(MIRA 15:11)

(Radio in navigation) (Nautical charts)

MAL'TSEV, Boris Alekseyevich, kand. tekhn. nauk; KHACHATUROV, V.V.,  
red.; LAVRENOVA, N.B., tekhn. red.

[Use in navigation of lines of position taken at different  
times] Ispol'zovanie raznovremennykh linii polozheniia v su-  
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(Navigation—Graphic methods)

KONOVALOV, Vasiliy Vasil'yevich; KUZNETSOVA, Lyudmila Ivanovna;  
KOVAL'CHUK, V.S., prepodavatel', retsenzent; POKROVSKIY,  
D.V., prepodavatel', retsenzent; KHACHATUROV, V.V., red.;  
USANOVA, N.B., tekhn. red.

[Radio navigation equipment on ships] Sudovye radionavigatsion-  
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(MIRA 16:2)  
(Radio in navigation) (Radar in navigation)

ZAKHAROV, Vladimir Kuz'mich, dots.; KHACHATUROV, V.V., red.; TIKHONOVA,  
Ye.A., tekhn. red.

[Sailing directions] Morskaia lotsiia. Moskva, Izd-vo  
"Morskoi transport," 1962. 414 p. (MIRA 16:3)  
(Navigation)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721620018-4

KHACHATUROV, Yu.A.

Use of capron fabric for covering a considerable defect of the  
spinal dura mater. Zhur. eksp. i klin. med. 5 no.2:67-69 '65.  
(MIRA 19:1)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721620018-4"

ACCESSION NR: AT4040451

S/2933/64/006/000/0112/0120

AUTHOR: Khachaturov, Yu. G.

TITLE: An instrument for radiometric analysis of sulfur in liquid petroleum products

SOURCE: AN SSSR. Bashkirskiy filial. Khimiya seraorganicheskikh soyedineniy, soderzhashchikhsya v neftyakh i nefteproduktakh, v. 6, 1964, 112-120

TOPIC TAGS: radiometric analysis, liquid fuel analysis, sulfur content analysis, scintillation liquid analyzer, analyzer AZhs-1, continuous scintillation analyzer, plastic scintillator, Fe<sup>55</sup> radiation source, analyzer design, analyzer operating principle, diesel fuel analyzer modification, petroleum product, liquid petroleum product, petroleum product sulfur content, diesel fuel

ABSTRACT: Attempting to eliminate the disadvantages inherent in gas discharge counters used in existing radiometric equipment, the author designed a scintillation type liquid analyzer (designated AZhs-1) and presents the calculations and data relating to design and operating principles. The instrument is intended for continuous analysis of concentrations of contaminating elements whose atomic number is higher than the mean atomic number of the basic analyzed liquid. Rad-

Card 1/2

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ACCESSION NR: AT4040451

iation from two Fe<sup>55</sup> sources passes through Be windows in the source container, then through the analyzed liquid in a hot channel and through a calibrated filter plate in a comparison channel, and is received by a steel-clad plastic scintillator (polyvinyl toluene with 3% para-terphenyl and 0.2% ROROR activator was best) and photomultiplier FEU-35. A cathode follower and pulse amplifier (amplification factor  $\sim 500$ ) strengthen the power and amplitude of the voltage pulses from the FEU 35, respectively, and these are then processed through a discriminator blocking multiplier noise and fed (standardized) into a count rate meter. Subsequent stations involve a selective amplifier (AC, 21 cps, amplification factor  $\sim 10^4$ ), phase sensitive rectifier, reverse motor, potentiometric pickup and an electronic potentiometer EPD 12. The voltage recorded by the EPD 12 is proportional to S concentration. An initial modification of the design was furnished to the Kuybyshev Refinery for analysis of S in diesel fuel (calibrated for 0 - 2% by weight S). The sensitivity threshold was 5% of the scale range in all cases. Orig. art. has: 15 formulas and 2 diagrams.

ASSOCIATION: OKB avtomatiki Gosudarstvennogo komiteta SM SSSR po khimii (OKB on Automation of the State Committee on Chemistry of the SM SSSR)

SUBMITTED: 00

SUB. CODE: FP

NO REF SOV: 004

ENCL: 00

OTHER: 004

Card 2/2

KOZOREZOV. Yu.I.; BAYBURSKIY, L.A.; MANOVYAN, A.K.; GONCHAROVA, N.A.;  
KHACHATUROVA, D.A.

Studying the operation of troughed plated of industrial rectification columns. Khim.i tekhn.topl.i masel 7 no.2:40-44 F '62.  
(MIRA 15:1)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.  
(Plate towers)

SOKOLYANSKIY, G.G.; KURAKO, Yu.L.; KHACHATUROVA, D.I.; AYZEN, M.Ya.

Ollier's disease (dyschondroplasia) combined with a brain tumor,  
craniopharyngioma. Zhur. nevr. i psikh. 65 no.6:821-824 '65.

1. Klinika nervnykh bolezney (direktor - prof. G.G. Sokolvanskiy)  
Odesskogo meditsinskogo instituta im. Pirogova na baze Oblastnogo  
psikhoneurologicheskogo dispansera (glavnyy vrach N.F. Kravchenko).

(MIRA 18:6)

NOVINSKIY, K. Yu.; KHACHATUROVA, G. T.; YURIYEV, Yu. K.

Furan series. Part 32: 5-Nitro-2-halomethylfurans in the synthesis  
of 5-nitro-2-furfurylamines. Zhur. ob. Khim. 34 no.6:1897-1903  
Je '64. (MIRA 17:1)  
L. Moskovskiy gosudarstvennyy universitet imen. Lomonosova.

NOVITSKIY, K.Yu.; KHACHATUROVA, G.T.; GAL'BERSHTAM, M.A.; KANDROR, I.I.;  
YUR'YEV, Yu.K.

Synthesis of some chloromethyl compounds of the furan series.  
Vest. Mosk. un. Ser. 2: Khim, 19 no.6:63-65 N.D '64.

(MIRA 18:3)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.

GAL'BERSHTAM, M.A.; KHACHATUROVA, G.T.; NOVITSKIY, K.Yu.;  
YUR'YEV, Yu.K.

Reactivity of 5-nitro-2-chloromethylfuran and  
5-nitro-2-chloromethylselenophene. Vest. Mosk. un. Ser. 2:  
Khim. 20 no.4:83-85 Jl-Ag '65. (MIRA 18:10)

1. Kafedra organicheskoy khimii Moskovskogo gosudarstvennogo  
universiteta.

KHACHATUROVA, N. S.

PA-23T32

USSR/Engineering

Aug 1947

Naphthalene

Petroleum Industry

"Nature of Products of Periodic and Continuous Pyrolysis of Naphthalene," M. K. Melik-Zade,  
T. M. Ivanova, N. T. Yl'yanova, N. S. Khachaturova, 2 pp

"Azerbaydzhan Neft Khozyaystvo" No 8 (254)

In the course of continuous pyrolysis conducted at factory ~~imeni~~ Budenniy it was discovered  
that the petroleum content in products of pyrolysis was greatly decreased when the tempera-  
ture in the pyrolysis pipes was lowered to 660 - 680 degrees. Products of continuous  
pyrolysis were found to contain small amounts of petroleum and could be used as raw materials  
for the production of naphthalene only after special treatment, which increased the naphtha  
content of the raw material.

PA-23T32

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721620018-4

KHACHATUROVA, N.K.

Bee stings of the cornea. Vest. oft. 73 no. 5:17-19 S-0 '60.

(MIRA 14:1)

(VENOM—PHYSIOLOGICAL EFFECT) (CORNEA—WOUNDS AND INJURIES)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721620018-4"

ESTRIN, R.Ya., inzh.; KHACHATUROVA, N.S., inzh.; MEDVEDEVA, T.M., inzh.

Safety problems in collecting and storing oil and gas. Bezop.  
truda v prom. 6 no.12:8-10 D '62. (MIRA 15:12)  
(Petroleum—Storage) (Gas—Storage)

ESTRIN, R. Ya.; KHACHATUROVA, N. S.

Safety requirements for the UB mobile units. Stroi. truboprov.  
8 no.4:29 Ap '63. (MIRA 16:4)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy institut  
po tekhnike bezopasnosti, Baku.

(Bitumen)

KHACHATUROVA, S.S., inzh.; EPSTEYN, G.N., inzh.

Effect of low tempering on the mechanical properties of  
30KhGT and 20KhN3A steels. Metalloved. i term obr. met.  
no.7:17-19 J1 '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut burevovoy  
tekhniki.

(Steel alloys--Testing) (Tempering)

KHACHATUROVA T.I.

USSR/Pharmacology. Toxicology. Chemotherapeutic Preparations.

C

A) Antibiotics

Abs Jour : Ref Zhur - Biol., No II, 1958, No 52086

Author : Jordanskaya, N. Ye., Matynkina A.A., Khachaturova T.I.

Inst : Uzbek Tuberculosis Institute

Title : The Immediate Therapeutic Effect of the Preparation Larusan

Orig Pub : So. tr. Uzb. n-i. tuberk. in-t, 1957, 3, 70-75

Abstract : Larusan (I) was administered to 54 patients (adults) with various forms of pulmonary tuberculosis (the majority with fibro-cavernous processes) in doses of 0.2 g, 3 times daily. It was demonstrated that I lowered toxemia, and in many cases led to improvement of the local process. Toxic side-effects (giddiness, headaches, excitement, precordial pains) were observed in 4 patients treated with I. As compared with phthivazid, I was less effective. -- V.I. Yel'nik.

Card : 1/1

KHACHATUROVA T.I., mladshiy nauchnyy sotrudnik

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620018-4"

Cure of a case of acute miliary tuberculosis in pregnancy terminating in normal delivery [with summary in French]. Probl.tub. 35 no.3:  
105-106 '57.  
(MLKA 10:10)

1. Iz klinicheskogo otdeleniya Uzbekskogo nauchno-issledovatel'skogo tuberkuleznogo instituta (nauchnyy rukovoditel' - prof. Sh.A. Alinov)  
(TUBERCULOSIS, MILLIARY, in pregnancy,  
cure (Rus))  
(PREGNANCY, in various diseases,  
tuber., miliary, cure (Rus))

IORDANSKAYA, N.Ye.; MATYINKINA, O.A.; KHACHATUROVA, T.I.

Immediate therapeutic effect from the drug, larusen. Sbor. trud.  
Uz. nauch.-issl. tub. inst. 3:82-86 '57. (MIRA 14:5)  
(ISONICOTINIC ACID) (TUBERCULOSIS)

AMERIK, B.K.; NIKOLAYEVA, V.G.; SVETOZAROVA, O.I.; KHACHATUROVA, Z.N.  
NEYMAN, L.M.; ZHDANOVA, V.V.; DROZDOVA, Ye.I.; LEVASHOVA, E.P.  
PERCHENKO, A.A.; GALEYEVA, K.S.

Obtaining and testing a test sample of gas-turbine fuel  
derived from the contact coking of a sweet cracking residue.  
Trudy GrozNII no. 15:105-110 '63.  
(MIRA 17:5)

KHACHATURIAN, A. A.

Magnitskiy, A. N. and Khachaturyan, A. A. "Changes in subordination in schizophrenia and the influence of insulin treatment on them", in the collection: Subordinatsiya v nervnoy sisteme i yeye znacheniy v fiziologii i patologii, Moscow, 1948, p.179-88.

SO: U - 3042, 11 March 53, (Letopis "Zhurnal nykh Statey, No. 7, 1949)

VANSHCHIKOV, V.M.; PORTNOV, A.A.; KHACHATURYAN, A.A.

Idealistic nature of Shmar'ian's "Brain pathology and psychiatry".  
Nevropat.psikiyat., Moskva 20 no.2:70-78 Mar-Apr 1951. (CLML 20:9)

1. Docent Vanshchikov; Candidate Medical Sciences A.A. Khachaturyan.
2. Of the Institute of Psychiatry of the Ministry of Public Health USSR (Director--Prof. V.A. Gilyarovskiy).

*KHACHATUR'yan, A. A.*

USSR/Miscellaneous - Social welfare

Card 1/1 Pub. 77 - 11/23

Authors : Khachatur'yan, A. A., and Mikhaylov, A. K.

Title : Harmful survivals of the past

Periodical : Nauka i Zhizn' 21/10, 26-28, Oct 1954

Abstract : Alcoholism in the Soviet Union is called a survival of capitalism. An exposition is given of the physiological aspects of drunkenness with a view to dissuade the public from indulgence in it.

Institution : ...

Submitted : ...

KHACHATURIAN, A.A.; MIKHAYLOV, A.K., vrach-psichiatr

Sleep and dreaming. Nauka i zhizn' 22 no.6:37-39 Je '55.  
(MIRA 8:8)

1. Starshiy nauchnyy sotrudnik Instituta psichiatrii Ministerstva zdravookhraneniya SSSR (for Khachaturyan)  
(Sleep) (Dreams)

GILYAROVSKIY, V.A., redaktor; BELETSKIY, V.K., redaktor; SEGAL', Yu.E.,  
redaktor; SKUIN', E.Ya., redaktor; SIMSON, T.P., redaktor;  
FEDOTOV, D.D., redaktor; KHACHATURIAN, A.A., redaktor; GUKEVICH,  
L.A., redaktor.

[Problems in psychiatry; abstracts of scientific works by the  
Psychiatry Institute of the Ministry of Health of the U.S:S.R.  
(1945-1953)] Voprosy psichiatrii; avtoreferaty nauchnykh rabot  
Instituta psichiatrii Ministerstva zdravookhraneniia SSSR (1945-  
1953 gg). Pod red. V.A.Giliarovskogo i dr. Moskva, 1956. 453 p.  
(MIRA 10:11)

1. Russia (1923- U.S.S.R.) Ministerstvo zdravookhraneniya.  
Institut psichiatrii. 2. Deystvitel'nyy chlen Akademii meditsin-  
skikh nauk SSSR (for Gilyarovskiy).  
(Psychiatry)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721620018-4

ZINOV'YEV, P.M. (Moskva); MIKHAYLOV, A.K. (Moskva); KHACHATURYAN, A.A.  
(Moskva)

"Psychiatry," V.A.Giliarovskii. Reviewed by P.M.Zinov'yev, A.K.  
Mikhailov, A.A.Khachaturian. Klin.med. 34 no.9:93-95 S '56.  
(PSYCHIATRY)  
(GILIAROVSKII, V.A.)  
(MLRA 9:11)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721620018-4"

KUKUYEV, L.A.; KHACHATURIAN, A.A.

"Consequences of prefrontal leukotomy in schizophrenia." IU.G.  
Shevchenko. Reviewed by L.A. Kukuev, A.A. Khachaturian. Zhur.  
nevr. i psikh. 56 no.1:56-57 '56. (MLRA 9:4)

(SCHIZOPHRENIA) (BRAIN-SURGERY) (SHEVCHENKO, IU.G.)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721620018-4

STANKEVICH, I.A.; KHACHATURIAN, A.A.

"Features of the structure of the human cerebrum and the temporal lobe of man and monkeys" by S.M.Blinkov, Reviewed by I.A.Stankevich, A.A.Khachaturian. Zhur.nevr. i psikh. 57 no.6:788-790 '57.  
(БRAIN) (BLINKOV, S.M.) (MLR 10:10)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721620018-4"

MIKHAYLOV, A.K., KHACHATUR'YAN, A.A. (Moskva)

"Clinical aspects of teraethyl lead psychosis" by A.A. Portnov.  
Reviewed by A.K. Mikhailov, A.A. Khachatur'yan. Klin.med. 36 no.9:  
152-153 S'58 (MIRA 11:10)  
(PSYCHOSES)  
(LEAD--TOXICOLOGY)

ZINOV'YEV, P.M.; MIKHAYLOV, A.K.; KHACHATURYAN, A.A. (Moskva)

Review of the book "Textbook of psychiatry" by O.V. Kerbikov, N.I.  
Ozeretskiy, Ye.A. Popov, A.V. Snezhnevskiy. Klin.med. 37 no.9:156-  
158 8 '59. (MIRA 12:12)  
(PSYCHIATRY) (KERBIKOV, O.V.) (OZERETSKIY, N.I.)  
(POPOV, YE.A.) (SNEZHNEVSKIY, A.V.)

STANKEVICH, I.A.; KHACHATURIAN, A.A.

"Neuropathology and psychiatry" (Collected scientific works of  
neuropathologists and psychiatrists of the Latvian S. S. R.).  
Reviewed by I.A. Stankevich and A.A. Khachaturian. Zhur. nevr.  
i psikh 61 no.8:1271-1273 '61. (MIRA 15:3)  
(PSYCHIATRY)  
(NERVOUS SYSTEM—DISEASES)

KHACHATURYAN, A.A., kand.med.nauk

Changes in the interoceptors of the pia mater and the disorders  
of cerebral circulation in the genesis of a spasm syndrome.

Report No.1: Changes in the neural apparatus of the pia mater in  
epilepsy. Trudy Gos.nauch-issl.inst.psikh. 25:678-703 '61.

(MIRA 15:12)

1. Klinika sosudistykh psikhozov (zav. - prof. V.M.Banshchikov)  
Gosudarstvenogo nauchno-issledovatel'skogo instituta psichiatrii  
Ministerstva zdravookhraneniya RSFSR.

(PIA MATER—INNERVATION) (EPILEPSY) (SPASMS)

KHACHATURYAN, A.A., kand.med.nauk

Changes in the interoceptors of the pia mater and the disorders  
of cerebral circulation in the genesis of a spasm syndrome.  
Report No.2: Change in the neural apparatus of the pia mater in  
experimental studies of a spastic seizure. Trudy Gos.nauch-  
issl.inst.psikh. 25:704-707 '61. (MIRA 15:12)

1. Klinika sosudistykh psikhozov (zav. - prof. V.M.Banshchikov)  
Gosudarstvennogo nauchno-issledovatel'skogo instituta psichiatrii  
Ministerstva zdravookhraneniya RSFSR.  
(PIA MATER—INNERVATION) (SPASMS) (EPILEPSY)

24.7200

P. J. H.  
301/70-3-1-2/36

AUTHOR: Khachaturyan, A. G.

TITLE: Concerning the Theory on the X-Ray Scattering by Mosaic Crystals

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 5, pp 646-649 (USSR)

ABSTRACT: The crystals whose atomic planes exhibit offsets, and consequently represent a mosaic of undistorted blocks, offset relative to each other, are usually studied by the X-ray diffraction methods. However, the methods define the regions of coherent scattering but not the undistorted blocks. In an attempt to establish the relation of the undistorted blocks to the regions of coherent scattering and to find the conditions under which these two become equivalent, the author derives 18 equations. According to one of them the mosaic can be resolved if the offsets are larger than the atomic interplanar spacings, since, in this case, the regions of coherent scattering are of the same size as the undistorted blocks. If the offsets are smaller than the interplanar spacings the undistorted blocks constitute

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Concerning the Theory on the X-Ray Scattering 75981  
by Mosaic Crystals SOV/70-4-5-3/36

only a part of the respective regions of coherent scattering. The general relationship is defined by

$$L = L_{bl} + \frac{d}{\sqrt{2\pi}\bar{\alpha}}, \text{ where } L \text{ is the size of a region of}$$

coherent scattering;  $L_{bl}$  is that of an undistorted block;  $d$  is interplanar spacing; and  $\bar{\alpha}$  is offset.

The width of a recorded diffraction,  $B$ , is determined by  $B = \frac{\lambda}{L \cos \theta_e}$ , where  $\lambda$  is the wavelength and  $\theta_e$  is the glancing angle in the region of coherent scattering. Substituting the former equation into the latter one obtains

$$B = \frac{\lambda}{(L_{bl} + \frac{d}{\sqrt{2\pi}\bar{\alpha}}) \cos \theta_e}, \text{ or rearranged}$$

$$L_{bl} = \frac{\lambda}{B \cos \theta_e} - \frac{d}{\sqrt{2\pi}\bar{\alpha}}.$$

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Concerning the Theory on the X-Ray Scattering  
by Mosaic Crystals

75981  
SOV/70-4-5-3/36

This is an equation with two unknowns,  $L_{ib}$  and  $\bar{a}$ , and can not be solved unequivocally unless the second item of the right member becomes vanishingly small due to a large  $\bar{a}$ . Finkel'steyn, B. N., is acknowledged for suggesting the thesis and Kitaygorodskiy, A. I., for discussions. There are 2 references, 1 U.S., 1 Indian. The U.S. publication is: Read, W. T., Dislocations in Crystals, 1953.

ASSOCIATION: Moscow Steel Institute imeni I. V. Stalin (Moskovskiy institut stali imeni I. V. Stalina)

SUBMITTED: May 15, 1959

Card 3/3

S/070/60/005/003/011/024/XX  
E132/E460

AUTHOR: Khachaturyan, A.G.

TITLE: The Influence of the Size Distribution of Mosaic Blocks  
on the Scattering of X-Rays

PERIODICAL: Kristallografiya, 1960, Vol. 5, No. 3, pp. 354-358

TEXT: One of the principal problems of X-ray diffraction analysis is to determine the size distribution of mosaic blocks in a crystal. An attempt is made in this paper to determine the form of this function theoretically. Using general statistical considerations about the distribution of boundaries, which involve the assumption that there is no interaction between the boundaries, an expression is derived for the Fourier transform of the scattered intensity distribution and a particular X-ray diffraction line is obtained. The dependence of this Fourier transform on the average distance between block boundaries can be compared with experimental information which is available for beta-brass, molybdenum and tungsten. The results of the comparison are not particularly successful but a new method for determining the average sizes of the blocks is suggested. Acknowledgments to Professor

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S/070/60/005/003/011/024/XX  
E132/E460

The Influence of the Size Distribution of Mosaic Blocks on the  
Scattering of X-Rays

B.N.Finkel'shteyn for directing the work. There are 2 figures,  
1 table and 7 references: 5 English, 1 French and 1 German.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut  
chernoy metallurgii (Central Scientific Research  
Institute for Ferrous Metallurgy)

SUBMITTED: January 26, 1960

Card 2/2

247600

20073 S/181/61/003/009/005/039  
B102/B104 ✓

AUTHOR: Khachaturyan, A. G.

TITLE: Interaction between carriers and lattice vibrations in an anisotropic crystal

PERIODICAL: Fizika tverdogo tela, v. 3, no. 9, 1961, 2540-2547

TEXT: Results obtained by V. L. Bonch-Bruyevich (Ref. 1: FTT, II, 8, 1857, 1960) are generalized to cover the case of electron-phonon interaction in an anisotropic crystal. This interaction modifies the spectra of both electrons and phonons in an anisotropic manner. Taking this interaction into account entails a correction for sound velocity. Electron - phonon interaction was examined using the well-known method of Green's temperature functions. Corrections for sound velocity were calculated for different directions of the phonon wave vector. Modifications in the structure of diffuse thermal X-ray scattering were also calculated. Electron-phonon coupling constants were determined by measuring the diffuse thermal scattering and the sound velocities. The author's investigation is based on the assumption that the interaction between acoustic phonons and

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25073 S/181/61/003/009/005/039

Interaction between carriers and lattice ... B102/B104

conduction electrons is what essentially matters. The system considered can be described by the Hamiltonian

$$\mathcal{H} = \mathcal{H}_f + \mathcal{H}_p + \mathcal{H}_{int},$$

$$\begin{aligned}\mathcal{H}_f &= \sum_{\mathbf{k}, v} \hbar \omega_{\mathbf{k}, v} \xi_{\mathbf{k}, v}^{(v)} \xi_{\mathbf{k}, v}^{(v)}, \\ \mathcal{H}_p &= \sum_{\mathbf{p}, s} E_p^{(s)} a_{\mathbf{p}, s}^{(s)} a_{\mathbf{p}, s}^{(s)}\end{aligned}\quad (A)$$

where the interaction Hamiltonian is given in  $\vec{k}$ -representation by the relations

$$\begin{aligned}\mathcal{H}_{int} = -\frac{\kappa}{\sqrt{2V}} \sum_{(\mathbf{p}, \mathbf{p}', \mathbf{k}, v, s)} &\delta(\mathbf{p} - \mathbf{p}' - \mathbf{k}) \{ f_k^{(v)} a_{\mathbf{p}, s}^{(s)} a_{\mathbf{p}' s}^{(s)} \xi_{\mathbf{k}, v}^{(v)} + \\ &+ f_{\mathbf{k}}^{(v)} a_{\mathbf{p}, s}^{(s)} a_{\mathbf{p}' s}^{(s)} \xi_{\mathbf{k}, v}^{(v)} \},\end{aligned}\quad (3)$$

$$g = \sqrt{\frac{\hbar}{e}}, \quad a$$

$$f_k^{(v)} = i \frac{\lambda_{ji}^{(s)} e_j(\mathbf{k}v) k_i}{\sqrt{|\omega_{\mathbf{k}v}|}}. \quad (4)$$

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